

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060719\
 Data File : VW010734.D
 Acq On : 07 Jun 2019 17:35
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 12:24:52 PM

Quant Time: Jun 08 04:03:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	141850	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.88	113	111574	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	10.32	98	461272	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	172293	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	103095	46.857	ug/l	99
3) Chloromethane	2.21	50	155977	48.185	ug/l	98
4) Vinyl Chloride	2.35	62	142633	47.691	ug/l	98
5) Bromomethane	2.76	94	84375	51.374	ug/l	99
6) Chloroethane	2.91	64	88726	49.424	ug/l	97
7) Trichlorofluoromethane	3.25	101	193493	49.839	ug/l	99
8) Diethyl Ether	3.68	74	66931	48.241	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119564	50.092	ug/l	98
10) Methyl Iodide	4.27	142	106624	44.001	ug/l	98
11) Tert butyl alcohol	5.17	59	53220	232.784	ug/l	100
12) 1,1-Dichloroethene	4.03	96	113027	49.089	ug/l	98
13) Acrolein	3.90	56	14815	158.580	ug/l	97
14) Allyl chloride	4.67	41	258629	50.943	ug/l	98
15) Acrylonitrile	5.37	53	163162	242.070	ug/l	99
16) Acetone	4.12	43	184925	245.929	ug/l	99
17) Carbon Disulfide	4.38	76	356304	48.748	ug/l	99
18) Methyl Acetate	4.67	43	74855	46.246	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	320786	48.306	ug/l	98
20) Methylene Chloride	4.92	84	130816	49.591	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	128939	49.330	ug/l	95
22) Diisopropyl ether	6.31	45	519450	51.107	ug/l	99
23) Vinyl Acetate	6.26	43	1539262	250.942	ug/l	100
24) 1,1-Dichloroethane	6.21	63	260323	51.108	ug/l	98
25) 2-Butanone	7.17	43	250516	240.263	ug/l	99
26) 2,2-Dichloropropane	7.17	77	218187	52.641	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143554	49.905	ug/l	97
28) Bromochloromethane	7.51	49	115366	50.751	ug/l	97
29) Tetrahydrofuran	7.53	42	152916	233.162	ug/l	99
30) Chloroform	7.68	83	235549	50.558	ug/l	99
31) Cyclohexane	7.95	56	271632	47.973	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	209420	51.457	ug/l	100
36) 1,1-Dichloropropene	8.09	75	199624	50.216	ug/l	100
37) Ethyl Acetate	7.26	43	104663	47.512	ug/l	99
38) Carbon Tetrachloride	8.07	117	173515	50.563	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	252377	49.941	ug/l	100
40) Benzene	8.32	78	544938	50.249	ug/l	99
41) Methacrylonitrile	7.48	41	68756	52.510	ug/l	94
42) 1,2-Dichloroethane	8.40	62	173030	50.271	ug/l	99
43) Isopropyl Acetate	8.43	43	204671	48.092	ug/l	100
44) Trichloroethene	9.09	130	132850	49.661	ug/l	99
45) 1,2-Dichloropropane	9.37	63	145582	50.712	ug/l	99
46) Dibromomethane	9.46	93	66269	49.699	ug/l	99
47) Bromodichloromethane	9.65	83	175909	50.894	ug/l	98
48) Methyl methacrylate	9.44	41	100573	49.014	ug/l	99
49) 1,4-Dioxane	9.44	88	19728	946.322	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	523269	240.675	ug/l	99
52) Toluene	10.39	92	333743	50.017	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	183612	50.154	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	219327	50.912	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94334	49.110	ug/l	97
56) Ethyl methacrylate	10.65	69	144971	49.047	ug/l	97
57) 1,3-Dichloropropane	10.93	76	178633	49.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	393354	254.079	ug/l	99
59) 2-Hexanone	10.97	43	381464	242.766	ug/l	98
60) Dibromochloromethane	11.13	129	107160	50.325	ug/l	100
61) 1,2-Dibromoethane	11.24	107	88145	48.432	ug/l	99
64) Tetrachloroethene	10.87	164	111126	48.439	ug/l	99
65) Chlorobenzene	11.66	112	338824	49.866	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	118609	50.427	ug/l	99
67) Ethyl Benzene	11.73	91	659018	50.467	ug/l	100
68) m/p-Xylenes	11.84	106	476288	101.890	ug/l	99
69) o-Xylene	12.17	106	223313	50.370	ug/l	97
70) Styrene	12.18	104	391115	50.784	ug/l	99
71) Bromoform	12.35	173	58912	48.429	ug/l #	100
73) Isopropylbenzene	12.46	105	630471	49.858	ug/l	100
74) N-amyl acetate	12.27	43	198876	48.663	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	113008	46.943	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82954m	46.942	ug/l	
77) Bromobenzene	12.75	156	136784	49.554	ug/l	100
78) n-propylbenzene	12.80	91	771296	50.584	ug/l	100
79) 2-Chlorotoluene	12.90	91	434712	49.902	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	531373	51.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35943	46.747	ug/l	98
82) 4-Chlorotoluene	12.99	91	453008	50.391	ug/l	99
83) tert-Butylbenzene	13.21	119	446759	50.859	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	530342	50.918	ug/l	100
85) sec-Butylbenzene	13.38	105	648053	50.670	ug/l	99
86) p-Isopropyltoluene	13.50	119	585920	51.229	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	267097	50.177	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	262896	49.817	ug/l	99
89) n-Butylbenzene	13.83	91	599364	52.523	ug/l	100
90) Hexachloroethane	14.10	117	104103	50.826	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	237093	49.528	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19758	47.795	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	174318	51.891	ug/l	100
94) Hexachlorobutadiene	15.24	225	109424	51.901	ug/l	99
95) Naphthalene	15.37	128	304019	49.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	148039	51.818	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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